Ganesh Kurella

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Career Objective

Aspiring AI Engineer pursuing B.Tech in Computer Science (AI & ML) with experience in computer vision and backend systems. Built AI-driven applications using OpenCV, MediaPipe, and Flask through hackathons and projects, aiming to develop scalable real-world AI solutions.

Education

B.Tech – Computer Science & Engineering (AI & ML)
CMR Institute of Technology **CGPA: 8.08**
2nd Year *2026 – Present*

Technical Skills

Languages: Python (Intermediate), Java
AI / ML: Computer Vision (OpenCV, MediaPipe), ML Basics, Data Fundamentals
Core CS: DSA (LeetCode), Problem Solving
Web: HTML, CSS, JavaScript, Flask
Tools: Git, GitHub, VS Code, Streamlit

Experience

AI/Software Intern — EvolveX *2026 – Present*
- Selected based on performance in a healthcare-focused hackathon.
- Beginning work on real-world AI and software development tasks under mentorship.

Projects

Phishield — Phishing Detection Platform *2026 – Present*
- Developing a system to detect malicious URLs using analysis-based techniques.
- Focused on backend design and improving detection logic for real-world use.

AI-Based Sports Talent Assessment Platform (SIH) *2025*
- Built CV-based system using MediaPipe and OpenCV for movement analysis.
- Implemented rep counting, posture validation, and performance metrics.
- Developed Streamlit UI for video input and feedback visualization.

Image Processing Application (OpenCV) *2025*
- Built Streamlit tool for grayscale conversion and basic image processing.

Online Quiz Platform (Flask) *2025*
- Developed full-stack web app with quiz evaluation and backend APIs.

Certifications

- IBM Data Fundamentals (2024)
- IBM AI Fundamentals (2024)
- Oracle OCI AI Foundations Associate (2025)

Problem Solving

Practicing DSA in Java on LeetCode with focus on efficiency and edge cases.

Extracurricular Activities

- Hackathons — Avinya, SIH, GDG, GLITCH, HackForge *2024–2026*
- HSGA Club — volunteering and coordination *2024 – Present*